



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

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December 31, 2003

Mr. Ron Gigliotti
Aero Metals, Inc.
402 Darlington Street
LaPorte, Indiana 46350

Re: Experimental Operation
EO No. 091-18232-00074

Dear Mr. Gigliotti:

On November 10, 2003, Aero Metals, Inc., located at 402 Darlington Street, LaPorte, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of the intention to install and operate, as an experimental operation, one (1) ribbon mixing process consisting of a horizontal dry sand mixer, a fifty gallon water mix tank and a vacuum shell former, controlled for particulate matter by an existing micro air cartridge filter system, which exhausts to stack vent 048.

Experimental Operation General Information

Unit:	Experimental ribbon mixing process
Location of the Operation:	402 Darlington Street, LaPorte, Indiana
County:	LaPorte
County Status:	Attainment for all criteria pollutants
Purpose of the Operation:	New material processing system to be used in the development of an improved manufacturing process.
Starting Date of the Operation:	November 17, 2003 [326 IAC 2-1.1-3(g)(3)(F)]
Duration of the Operation:	30 days of actual operation
Testing parameters:	PM, PM10

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(g)(3), the above mentioned temporary operation and experimental trial shall satisfy the following requirements:

1. The potential emissions from the operation should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(g)(3)(A)]
2. The operation should not be a major source or modification as defined under 326 IAC 2-2, 326 IAC 2-3 or 326 IAC 2-7. [326 IAC 2-1.1-3(g)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention. [326 IAC 2-1.1-3(g)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]

4. The experimental trial should not be part of the existing normal operation or production of the source. [326 IAC 2-1.1-3(g)(3)(C)(ii)]
5. The duration of the experimental operation should not exceed 30 days of actual operation. [326 IAC 2-1.1-3(g)(3)(D)]
6. The source shall submit a report containing the following information, seven (7) days after the conclusion of the experimental operation: [326 IAC 2-1.1-3(g)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.
7. The report shall be submitted to:
Indiana Department of Environmental Management
Office of Air Quality, Permits Branch
P. O. Box 6015
Indianapolis, Indiana 46206-6015

Experimental Trial Expiration Date

This approval expires after 30 days of actual operating time of the experimental operation.

If you have any questions regarding this approval, please contact Linda Quigley of my staff at (973) 575-2555, ext. 3284 or at 1-800-451-6027, ext. 3-6878.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

LQ/EVP

Enclosure: Experimental Trial Operation Report (1 page)

cc: File - LaPorte County

LaPorte County Health Department
Air Compliance Section - Rick Massoels
Compliance Data Section - Karen Nowak

**Indiana Department of Environmental Management
Office of Air Quality
Permit Branch**

Experimental Trial Operation Report

Source Name: Aero Metals, Inc.
Source Location: 402 Darlington Street, LaPorte, Indiana 46350
County: LaPorte
EO No.: 091-18232-00074
Approval Reviewer: Linda Quigley/EVP

Milestone Schedule	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

cc: Air Compliance Section - Rick Massoels